

A DEVICE FOR PURIFYING THE EXHAUST GAS OF AN INTERNAL
COMBUSTION ENGINE

5

ABSTRACT OF THE DISCLOSURE

10 A device for purifying the exhaust gas of an
internal combustion engine is disclosed. The device
comprises a particulate filter arranged in the exhaust
system, which carry a catalyst for absorbing and reducing
NO_x. The catalyst absorbs NO_x when the air-fuel ratio in
the surrounding atmosphere thereof is lean and releases
15 the absorbed NO_x to purify NO_x by reduction when the air-
fuel ratio is the stoichiometric or rich. The device
further comprises a catalytic apparatus for purifying NO_x
arranged in the exhaust system upstream of the
particulate filter, which has an oxidation function.